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Sycret Text
User Manual

SMS Text message Encryption

Cloud Data Encryption

File & Data Encryption

Android4.0 or later Supported

Portable from device to device

Common Criteria
EAL 5+
Security Level

NIST
Certified

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1. SYSTEM REQUIREMENTS

1.1 Android 4.0 or higher versions

1.2 MicroSD slot and microSD OTG reader support (or microSD to SD adapter in SD slot)

2 GETTING STARTED

2.1 How to start SYCRET TEXT

Step 1: Download the App "Sycret Text" from Google Play and install*(1) it into your Android phone.

Step 2: Insert Sycret Card into your Android phone before using Sycret Text App.

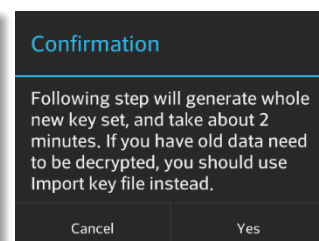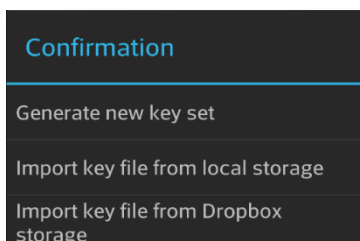Step 3: Tap the Sycret Text app icon on the screen to open it.

2.2 First-Run Initialization

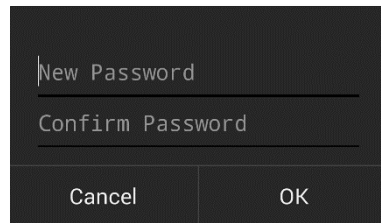2.2.1 If you are using a new Sycret Card, a menu appears with the following three options:

🔒 **Generate new key set**：Tap it to generate a new RSA key pair where the files encrypted by the previous associated RSA key pair will never be decrypted; the RSA key pair used for file encryption functionality will be generated by Sycret Card upon the first-run initialization process*(2) and it will take approximately two minutes;

🔒 **Import key file from local drive**：Tap it to import the previous RSA key pair from the local storage of your phone if it is available;

🔒 **Import key file from Dropbox storage**：Tap it to import the previous key pair from Dropbox if it is available.

*Note(1):   Please uninstall other Sycret App(s)beforehand to successfully install Sycret Text App. If your Android phone is running with KitKat 4.4 or higher version, please unmount or remove Sycret microSD card from your phone while re-installing Sycret Text app on your Android phone.

*Note(2):   As far as some Android devices running OS 4.4.x are concerned, if the Sycret Text app is removed for some reason and then re-installed or the essential data in Sycret Text Card are corrupt, the user may have to wait for ten minutes before the essential data is recovered.

Confirmation
Generate new key set
Import key file from local storage
Import key file from Dropbox storage

Confirmation
Following step will generate whole new key set, and take about 2 minutes. If you have old data need to be decrypted, you should use Import key file instead.
Cancel   Yes

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2.2.2 For the first-time user, you will be prompted to set your password by entering it twice and then to answer three security questions. The password can be changed in **GENERAL SETTINGS**. Ten attempts of wrong password input will lock your Sycret Card.

2.2.3 You will be asked to answer three security questions for resetting your password in case of ten attempts of wrong password input, so you must carefully answer the questions and keep your answers in mind. The three security questions and answers can be changed in SETTINGS (3.6.3).

2.2.4 For a returning user, if you forgot or lost your password, you can tap **Forget password?** on the login screen to answer three security questions; if your answers are correct as you preset, you will be guided to reset your password.
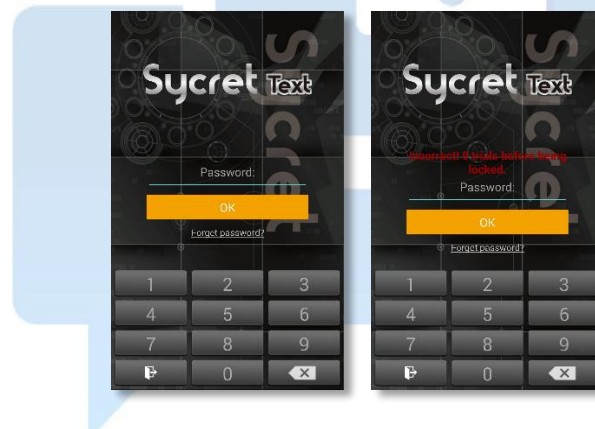
Note(3): *During the initialization process, please:*

- *Make sure your Android phone will NOT run out of power;*

-*DO NOT force stopping Sycret Text app, umounting, or removing Sycret card;*

-*DO NOT turn off your Android phone or remove battery.*

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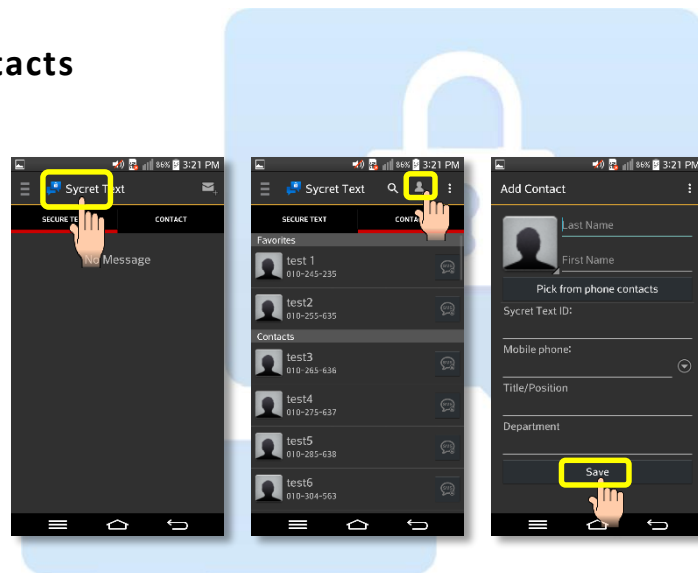*Yours forever*
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3 INSTRUCTIONS

3.1 Check Your Sycret ID

3.1.1 Sycret ID is assigned to each Sycret Card for secure text communications.

3.1.2 You can check your Sycret ID in the Navigation Drawer by:

🔒 Swiping in from the left-edge screen;

🔒 Tapping Navigation Drawer indicator icon ☰ on the action bar (upper-left side).

3.2 Add New Contacts

Step 1: Tap **CONTACT** to open your contact book.

Step 2: Find and tap 👤 or **Pick from phone contacts** to add a new contact into your contact book.

Step 3: Please enter the name (required), associated Sycret ID (required), mobile phone number*, and other information (optional) of the new contact.

> *Required: The mobile phone number is required for text messaging service.

Step 4: Please tap **Save** to save the new contact into your contact book.

3.2.1 Long tap either of the existing contacts and then a popup menu appears with the following four options.

🔒 *Add to Favorites*: Tap it to add the selected contact into the list of your favorite contacts;

🔒 *Remove from Favorites*: Tap it to remove the selected contact from your favorite contacts;

🔒 *Edit Contact*: Tap it to modify the details of the selected contact; and

🔒 *Delete Contact*: Tap it to delete the selected contact from your contact book.

3.2.2 Tap the overflow icon ⋮, tap *Sort contacts*, and then select *by ID* or *by Name* in a popup menu to list your current contacts according to the Sycret IDs or the contact names in ascending order.

## 3.3 SMS Encryption Key Exchange Process

3.3.1 After adding a new contact, Sycret Text app will automatically proceed with a key exchange*(4) between you and the new Sycret contact via telecom SMS.

3.3.2 The message blue-colored icon (SMS) will appear as soon as the key exchange*(4) is completed.

Note(4): Additional charges for data and SMS services may be incurred, e.g. exchanging SMS encryption key pair with other Sycret contacts via carrier SMS, sending out the encrypted text messages, uploading and downloading files, as they depend on your data plan and SMS pack.

3.4 Send and Receive Secure Message
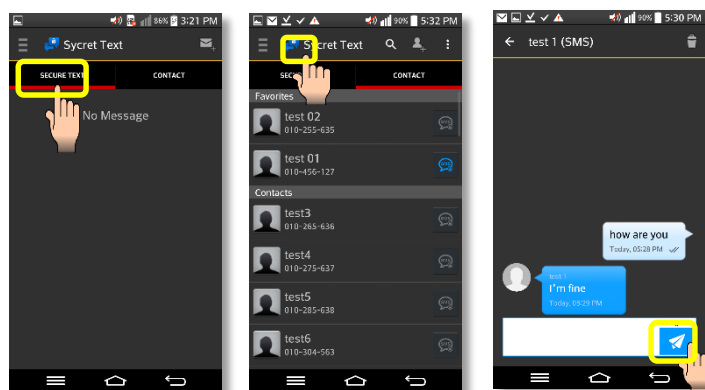
Step 1: Tap *CONTACT* option to get into the contact book and select a contact.

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Step 2:   Tap the message icon (must be blue-colored) 📩 to get into a dialogue page.

Step 3:   Type a message and tap the sending icon 📨 to send out the message.

3.4.1   Long tap either of the message threads to copy or delete it.

3.4.2   Tap the trash icon 🗑 to delete all of the messages in the dialogue page after confirmation.

3.4.3   If any dialogue has been available, tap **SECURE TEXT** option, select and tap either of the existing dialogue threads to continue the dialogue.

3.4.4   In **SECURE TEXT** option, long tap either or multiple dialogue threads and tap the trash icon 🗑 to delete the selected dialogue thread(s).

3.4.5   In **SECURE TEXT** option, tap the new message icon ✉ and then a popup menu **Choose a contact** appears. Select either of the available contacts and tap **OK** to start a new dialogue or continue the existing dialogue.

3.5   File Encryption/Decryption

3.5.1   Bring the Navigation Drawer onto the screen by tapping the Navigation Drawer indicator icon ☰ on the Action Bar or swipe in from the left edge of the screen and then tap Sycret Text to get into the associated page.

Local 🤖

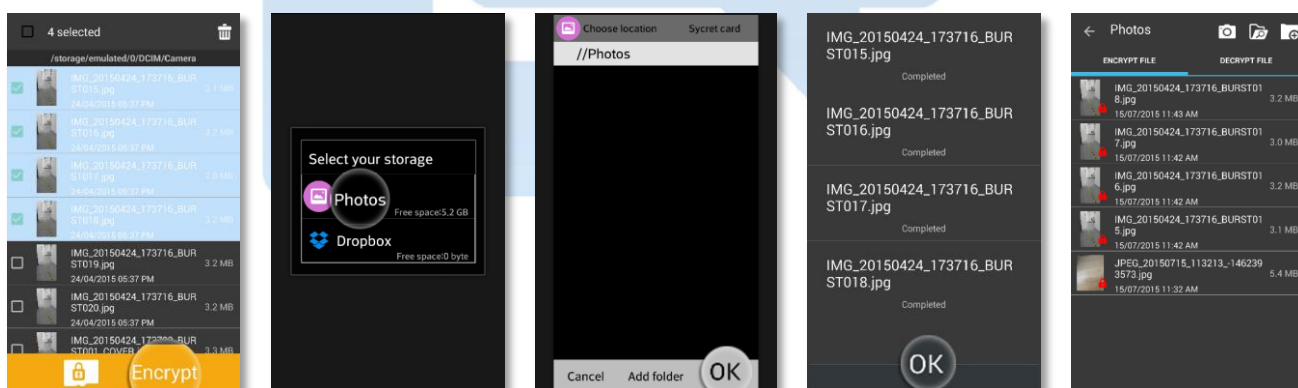Step 1:   Select and tap **Photos**, **Video**, **Documents**, or **Files** to enter the selected encryption/decryption page*[5].
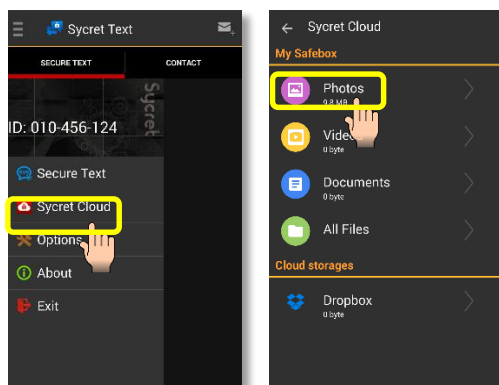
*Note(5):   The folders will not contain any file if you have not proceeded with any encryption.

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Step 2: Tap the icon to enter a page showing some folders where you can explore your images, videos, documents, or other files with extensions, such as JPG, GIF, and PNG for images, or OGG and MP4 for videos, or TEXT, PDF, DOC, PPT, XLS, etc. for documents, in the local storage of your phone. In either of the folders containing photo(s), video(s), document(s), or other file(s), tap either of them to preview it or long tap it to make check boxes appear.
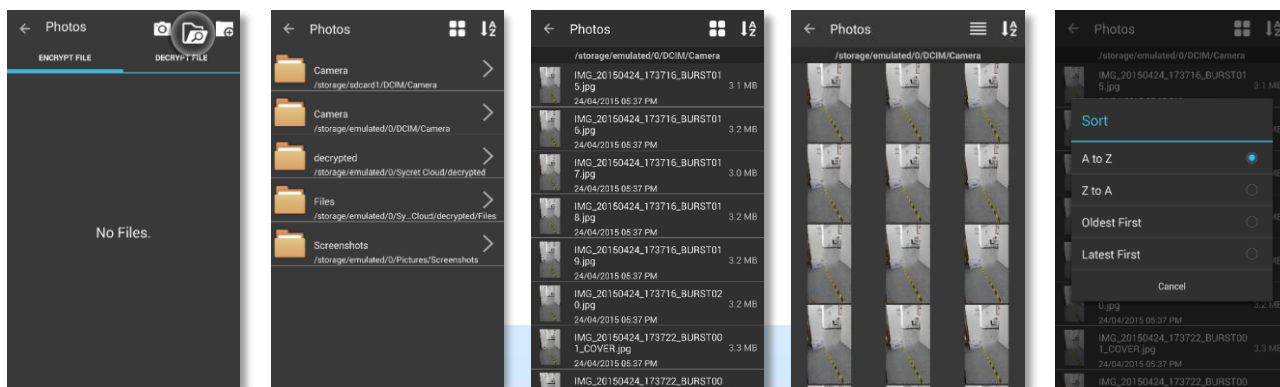
Step 3: Check either, a plurality, or all of the items, tap **Encrypt**, and then optionally tap **Photos**, **Videos**, **Documents**, **Files**, or the preset cloud storage (e.g. **Dropbox**) to immediately encrypt the selected item(s) and then save the same into the Sycret Card or upload the same to the selected cloud storage*[6].

3.5.2   Tap the icon to create a new folder after inputting a new folder name.

3.5.3   Tap the camera icon to take a photo or record a video via your camera and then to encrypt it immediately. The encrypted photo or video can be optionally saved into the Sycret Card or either selected cloud storage.

*Note(6): Before accessing any cloud storage, please log in your account of the selected cloud storage. You will be asked to allow the Sycret Text App to access all of files and folders of your account of the selected cloud storage.

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3.5.4   Tap the sorting icon 🔲 and then a popup menu appears, select and tap:

🔒   ***A to Z*** to list the available files in alphabetic order;

🔒   ***Z to A*** to list the available files in reverse alphabetic order;

🔒   ***Oldest First*** to list the available files in chronological order; or

🔒   ***Latest First*** to list the available files in reverse chronological order.

3.5.5   Tap the icon ⊞ or ☰ to show the image or video files in thumbnail view or list view (with details).

3.5.6   After the encryption is completed, each of the encrypted files will be shown with a small red lock icon 🔒 appearing at the lower right side of its thumbnail. You can tap either of the encrypted files and then a popup menu appears with the following options:

🔒   ***Preview***: Tap it to view the selected image or video file in a popup small window;

🔒   ***Rename:*** Tap it to give the selected file another name;

🔒   ***Decrypt:*** Tap it to decrypt the selected file and put it back to the local storage of your phone or the preset cloud storage;

🔒   ***Delete:*** Tap it to delete the selected file from the Sycret Card; and

🔒   ***Detail:*** Tap it to show more details of the selected file in a popup window.

3.5.7   For multiple decryptions, long tap either of the encrypted files to show check boxes beside the same; next, check a plurality or all of the encrypted files, tap ***Decrypt***, and then optionally tap ***Photos***, ***Video***, ***Documents***, ***Files***, or the preset cloud storage to decrypt the selected file(s) and put the decrypted file(s) back into the local storage of your phone or to upload the same to the preset cloud storage.

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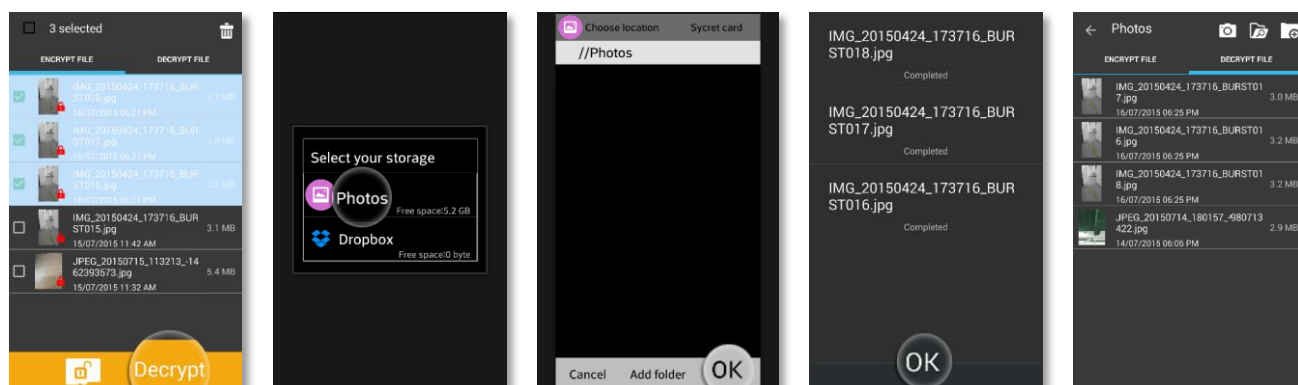
Cloud Storages 🔒

Step 1: Select and tap either of the cloud storages in the home page of the App to enter the selected cloud storage encryption page.
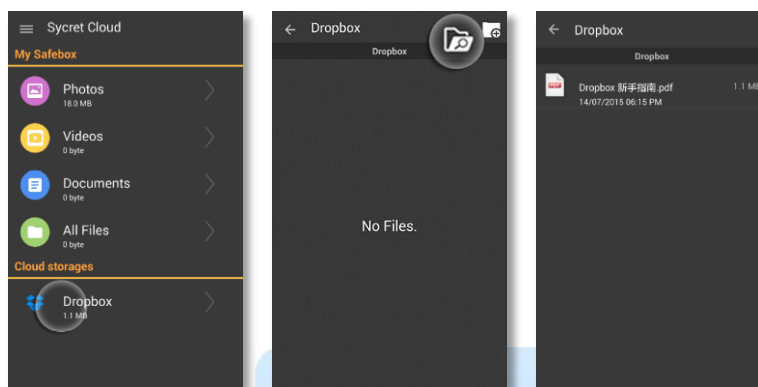
Step 2: Tap the icon 🔍 to explore file(s) in the selected cloud storage. If you have made any encryption or decryption, the folder "Encrypt" or "Decrypt" will appear here.

Step 3: Check either, a plurality, or all of the files, tap *Encrypt*, and then optionally select Local storage or this cloud storage to encrypt and save the selected item(s) into a selected location.
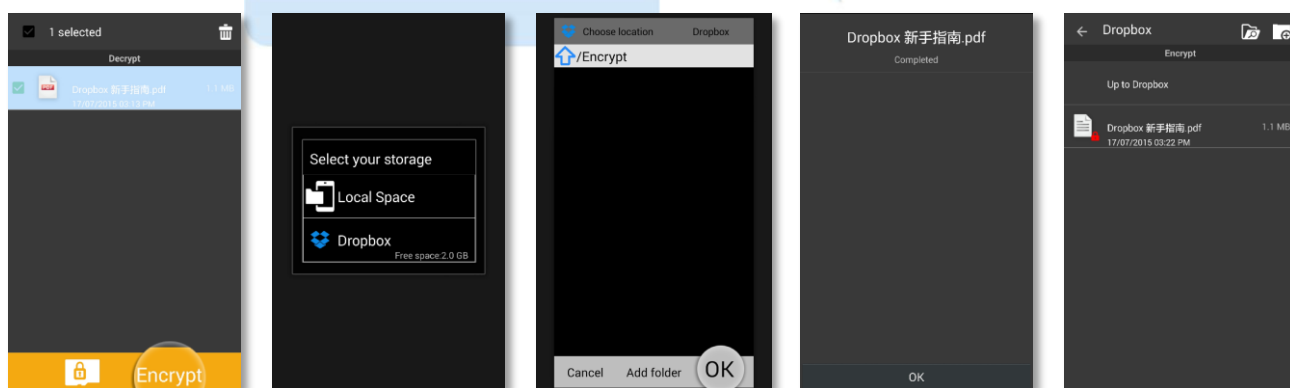
3.5.8   Tap the icon 📁 to create a new folder after inputting a new folder name.

3.5.9   After the encryption is completed, tap either of the encrypted files and then a popup menu appears with the options: *Preview*, *Decrypt*, *Move to*, *Delete*, and *Detail* (3.5.6). Please refer to the aforesaid section for the same functions.

3.5.10   The process of decrypting the encrypted files in Dropbox is similar to the aforesaid one (3.5.7).

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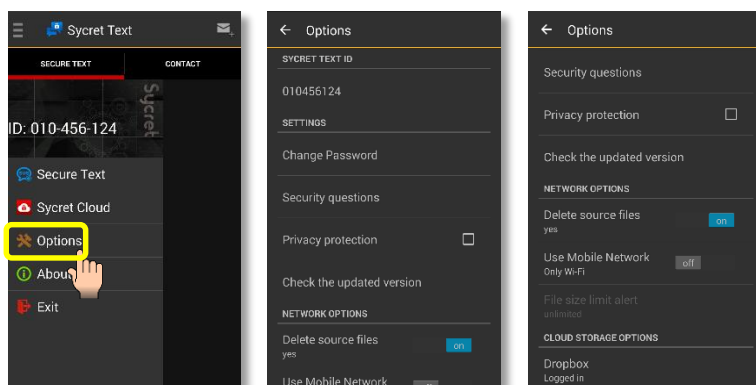
3.6 Options

3.6.1 Bring the Navigation Drawer onto the screen and tap *Options* to enter the associated page.

3.6.2 SYCRET TEXT ID

🔒 Here the Sycret Text ID of your Sycret Card is shown.

3.6.3 SETTINGS

🔒 Tap *Change Password* and then input your old password, new password, and new password again in a popup window to reset your user PIN.

🔒 Tap *Security questions* and then answer three questions to change the answers to the security questions.

🔒 Check or uncheck *Privacy protection* to enable (on) or disable (off) password lock. If it is enabled, you will have to input your password again while jumping out of the App or turning off the screen of your phone.

🔒 Tap *Check for the updated version* to go to Google Play Shop and check whether there is any new version of Sycret Text App.

3.6.4 NETWORK OPTIONS

🔒 Tap **Delete source files** to enable (on) or disable (off) this function for deleting or keeping source file(s) in situ after the encryption of the same is completed.

🔒 Tap **Use Mobile Network** to enable the App to use Wi-Fi and mobile data (on) or Wi-Fi only (off) for data transmission through.

🔒 Tap **File size limit alert** to select maximum file size (30MB, 60MB, 100MB, or unlimited) while **Use Mobile Network** is turned on.

3.6.5 CLOUD STORAGE OPTIONS

🔒 Status "Not Login", "Logged in", or "Logged out" will be shown beneath the available cloud storage(s).

🔒 If you have logged in the cloud storage, tap the selected cloud storage to see the brief information (E-mail, Name, and Used space) of your account. You may tap **Log out** to sign out of your account of the selected cloud storage.

🔒 If you have not logged in the cloud storage, tap the selected cloud storage and then you will be directed to the web page of the selected could storage for login into the same and allowing the Sycret Text app's access to all of files and folders of your account of the selected cloud storage.

3.7 **About**

3.7.1 Bring the Navigation Drawer onto the screen and tap **About** to enter the associated page. Here you will see the miscellaneous information about the Sycret Text App.

3.7.2 Tap **Report issue** to send a diagnostic logging report from your email account or other apps to the technical support staff of the Sycret Text App.

3.7.3 Tap **User manual** to download this user manual for your information.

3.8 **Exit**

3.8.1 Tapping **Exit** is equivalent to logging off the Sycret Text App. Once logged off, you will not be able to send or receive any secure text message.

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3.9 More Notes

3.9.1 Some contents stated in this user guide may differ from those of your device, depending on the device's model, device's software version, or your telephony service provider.

3.9.2 The cloud storage app(s) and service(s) may not be available, depending on the region, service provider, or device manufacturer.

3.9.3 Always update your Sycret Text app by downloading the latest version in Google Play Shop for the best user experience. Specifications are subject to change without notice.

4 List of Supported Smart Phones

Recommended Smart Phone Models:

SAMSUNG GALAXY S5	SAMSUNG GALAXY S4
SAMSUNG GALAXY S3	SAMSUNG GALAXY S2
SAMSUNG GALAXY Note4	SAMSUNG GALAXY Note3
SAMSUNG GALAXY Note2	LG G4
LG G3	LG G2
LG G Pro 2	LG Optimus G Pro
LG Optimus LTE	HTC One E9+
HTC One M8	HTC Desire 816

Note:

✧ *If your phone is not listed above and the voice comes from media speaker, please use earphones for better sound quality.*

✧ *Please contact the vendor(s) of your phone(s) if your Android phone is not listed above. However, new models will be added to the above list as time goes by.*

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